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OM protein - protein search, using sw model

Run on: January 7, 2002, 15:41:57 ; Search time 90.83 Seconds
(without alignments)

11.397 Million cell updates/sec

Title: US-08-569-749-8

Perfect score: 267
1 LAKAGFYIIGPDRAVACFCAC.....WEPKDNAMSEHLRHPKCPF 46

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 08
Maximum Match 1008

Listing first 45 summaries

Database :

Issued Patents AA:*
1: /cgn2_6/prodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/prodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/prodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/prodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/prodata/2/1aa/PCITUS.COMB.pep:*
6: /cgn2_6/prodata/2/1aa/Backfilest1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	267	100.0	46	4	US-08-569-749-8
2	267	100.0	46	5	PCT-US96-12860-8
3	267	100.0	604	4	US-08-569-749-4
4	267	100.0	604	5	PCT-US96-12860-4
5	264	98.9	67	2	US-08-511-485-22
6	264	98.9	604	2	US-08-511-485-6
7	264	98.9	604	3	US-09-212-971-6
8	264	98.9	604	4	US-08-800-929A-6
9	264	98.9	604	4	US-09-617-053A-6
10	248	92.9	46	4	US-08-569-749-7
11	248	92.9	46	5	PCT-US96-12860-7
12	248	92.9	67	2	US-08-511-485-23
13	248	92.9	438	5	PCT-US95-05922A-2
14	248	92.9	618	2	US-08-511-485-8
15	248	92.9	618	3	US-09-212-971-8
16	248	92.9	618	4	US-08-800-929A-8
17	248	92.9	618	4	US-08-569-749-2
18	248	92.9	618	4	US-09-617-053A-8
19	248	92.9	618	5	PCT-US96-12860-2
20	247	92.5	612	3	US-09-212-971-14
21	247	92.5	612	4	US-08-800-929A-14
22	247	92.5	612	4	US-08-569-749-14
23	247	92.5	612	4	US-09-617-053A-14
24	247	92.5	612	5	PCT-US96-12860-14
25	235	88.0	600	3	US-09-212-971-12
26	235	88.0	600	4	US-08-800-929A-12
27	235	88.0	600	4	US-09-617-053A-12

28	182	68.2	68	2	US-08-511-485-21	Sequence 21, Appl
29	182	68.2	497	2	US-08-511-485-4	Sequence 4, Appl
30	182	68.2	497	3	US-09-212-971-4	Sequence 4, Appl
31	182	68.2	497	4	US-08-800-929A-4	Sequence 4, Appl
32	182	68.2	497	4	US-09-617-053A-4	Sequence 4, Appl
33	177	66.3	68	2	US-08-511-485-20	Sequence 20, Appl
34	177	66.3	496	2	US-08-511-485-10	Sequence 10, Appl
35	177	66.3	496	3	US-09-212-971-10	Sequence 10, Appl
36	177	66.3	496	4	US-08-800-929A-10	Sequence 10, Appl
37	177	66.3	496	4	US-09-617-053A-10	Sequence 10, Appl
38	145	54.3	67	2	US-08-511-485-15	Sequence 15, Appl
39	145	54.3	236	4	US-09-121-979-4	Sequence 4, Appl
40	145	54.3	236	4	US-09-332-319-4	Sequence 4, Appl
41	145	54.3	498	2	US-08-511-485-13	Sequence 13, Appl
42	141	52.8	66	2	US-08-511-485-25	Sequence 25, Appl
43	141	52.8	1151	3	US-08-836-134-23	Sequence 23, Appl
44	141	52.8	1232	3	US-08-836-134-2	Sequence 2, Appl
45	140	52.4	66	2	US-08-511-485-24	Sequence 24, Appl

ALIGNMENTS

```
RESULT 1
US-08-569-749-8
; Sequence 8, Application US/08569749
; Patent No. 6187557
; GENERAL INFORMATION:
; APPLICANT: Rothe, Mike
; APPLICANT: Goedel, David V
; TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHER, HOEBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,749
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Brezner, David J.
; REGISTRATION NUMBER: 24,774
; REFERENCE/DOCKET NUMBER: A-62464/DJB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)781-1989
; TELEFAX: (415)398-3249
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-569-749-8
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Query Match 100.0%; Score 267; DB 4; Length 46;
Best local Similarity 100.0%; Pred. No. 1.7e-28;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAKAGFYIIGPDRAVACFCAGGKLSNMEPKDNAMSEHLRHPKCPF 46
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Db 1 LAKAGFYIIGPDRAVACFCAGGKLSNMEPKDNAMSEHLRHPKCPF 46

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RESULT 2
PCT-US96-12860-8
; Sequence 8, Application PC/TUS9612860
; GENERAL INFORMATION:
; APPLICANT: TULARIK, INC.
; TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/12860
; FILING DATE: 06 AUG 1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brezner, David J.
; REGISTRATION NUMBER: 24,774
; REFERENCE/DOCKET NUMBER: A-62464/DJB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)781-1989
; TELEFAX: (415)398-3249
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US96-12860-8

Query Match 100.0%; Score 267; DB 5; Length 46;
Best Local Similarity 100.0%; Pred. No. 1.7e-28;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAKAGFYIIGPGRVACFACGKLSNWEPRDNAMSEHLRHPKCP 46
Db 1 LAKAGFYIIGPGRVACFACGKLSNWEPRDNAMSEHLRHPKCP 46

RESULT 3
US-08-569-749-4
; Sequence 4, Application US/08569749
; Patent No. 6187557
; GENERAL INFORMATION:
; APPLICANT: Roche, Mike
; APPLICANT: Goeddel, David V
; TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/12860
; FILING DATE: 06 AUG 1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brezner, David J.
; REGISTRATION NUMBER: 24,774
; REFERENCE/DOCKET NUMBER: A-62464/DJB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)781-1989
; TELEFAX: (415)398-3249
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 604 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US96-12860-4
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SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,749
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Brezner, David J.
; REGISTRATION NUMBER: 24,774
; REFERENCE/DOCKET NUMBER: A-62464/DJB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)781-1989
; TELEFAX: (415)398-3249
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 604 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US96-749-4

Query Match 100.0%; Score 267; DB 4; Length 604;
Best Local Similarity 100.0%; Pred. No. 2.9e-27;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LAKAGFYIIGPGRVACFACGKLSNWEPRDNAMSEHLRHPKCP 46
Db 189 LAKAGFYIIGPGRVACFACGKLSNWEPRDNAMSEHLRHPKCP 234

RESULT 4
PCT-US96-12860-4
; Sequence 4, Application PC/TUS9612860
; GENERAL INFORMATION:
; APPLICANT: TULARIK, INC.
; TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/12860
; FILING DATE: 06 AUG 1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brezner, David J.
; REGISTRATION NUMBER: 24,774
; REFERENCE/DOCKET NUMBER: A-62464/DJB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)781-1989
; TELEFAX: (415)398-3249
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 604 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US96-12860-4
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Query Match 100.0%; Score 267; DB 5; Length 604;
Best Local Similarity 100.0%; Pred. No. 2.9e-27;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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189 LAKAGFYIIGPDRVACFACGKLSNMPEKDNAMSEHLRHPKCP 234

RESULT 5
US-08-511-485-22
Sequence 22, Application US/08511485
Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF INVENTIONS: PROBES, AND DETECTION METHODS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 67 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-22

Query Match 98.9%; Score 264; DB 2; Length 67;
Best Local Similarity 97.8%; Pred. No. 6.3e-28;
Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1 LAKAGFYIIGPDRVACFACGKLSNMPEKDNAMSEHLRHPKCP 46
21 LAKAGFYIIGPDRVACFACGKLSNMPEKDNAMSEHLRHPKCP 66

RESULT 6
US-08-511-485-6
Sequence 6, Application US/08511485
Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,

TITLE OF INVENTION: PROBES, AND DETECTION METHODS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-6

Query Match 98.9%; Score 264; DB 2; Length 604;
Best Local Similarity 97.8%; Pred. No. 7.1e-27;
Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1 LAKAGFYIIGPDRVACFACGKLSNMPEKDNAMSEHLRHPKCP 46
189 LAKAGFYIIGPDRVACFACGKLSNMPEKDNAMSEHLRHPKCP 234

RESULT 7
US-09-212-971-6
Sequence 6, Application US/09212971B
Patent No. 6107041
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Liston, Peter
APPLICANT: Baird, Stephen
APPLICANT: Tsang, Benjamin K
APPLICANT: Pratt, Christine
TITLE OF INVENTION: DETECTION AND MODULATION OF IAPs AND
TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
DISEASE
FILE REFERENCE: 07891/009002
CURRENT APPLICATION NUMBER: US/09/212,971B
CURRENT FILING DATE: 1998-12-16
EARLIER APPLICATION NUMBER: 60/017,354
EARLIER FILING DATE: 1996-04-26
EARLIER APPLICATION NUMBER: 60/030,590
EARLIER FILING DATE: 1996-11-14
EARLIER APPLICATION NUMBER: 08/800,929
EARLIER FILING DATE: 1997-02-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 604
TYPE: PRT

ORGANISM: Homo sapiens
US-09-212-971-6

Query Match 98.9%; Score 264; DB 3; Length 604;
Best Local Similarity 97.8%; Pred. No. 7.1e-27;
Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPGRVACFACGKLSNWEKDNAMSEHLRHPKCP 46
11:|||||
DB 189 LARAGFYIIGPGRVACFACGKLSNWEKDNAMSEHLRHPKCP 234

RESULT 8
US-08-800-929A-6
Sequence 6, Application US/08800929A
Patent No. 6133437
GENERAL INFORMATION:
APPLICANT: Korneiluk, Robert G
APPLICANT: Mackenzie, Alexander E
APPLICANT: Liston, Peter
APPLICANT: Baird, Stephen
APPLICANT: Tsang, Benjamin K
APPLICANT: Pratt, Christine
TITLE OF INVENTION: DETECTION AND MODULATION OF
TITLE OF INVENTION: IAPS AND NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
NUMBER OF INVENTION: 17
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800.929A
FILING DATE: 13-FEB-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030.590
FILING DATE: 14-NOV-1996
APPLICATION NUMBER: 60/017.354
FILING DATE: 26-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bieker-Brady, Kristina
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: 07891/009001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-800-929A-6

Query Match 98.9%; Score 264; DB 4; Length 604;
Best Local Similarity 97.8%; Pred. No. 7.1e-27;
Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
OY 1 LARAGFYIIGPGRVACFACGKLSNWEKDNAMSEHLRHPKCP 46
11:|||||

DB 189 LARAGFYIIGPGRVACFACGKLSNWEKDNAMSEHLRHPKCP 234

RESULT 9
US-09-617-053A-6
Sequence 6, Application US/09617053A
Patent No. 6300492
GENERAL INFORMATION:
APPLICANT: Korneiluk, Robert G
APPLICANT: Mackenzie, Alexander E
APPLICANT: Liston, Peter
APPLICANT: Baird, Stephen
APPLICANT: Tsang, Benjamin K
APPLICANT: Pratt, Christine
TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND
TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: DISEASE
FILE REFERENCE: 07891/009003
CURRENT APPLICATION NUMBER: US/09/617.053A
CURRENT FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 08/800.929
PRIOR FILING DATE: 1997-02-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 604
TYPE: PRT
ORGANISM: Homo sapiens
US-09-617-053A-6

Query Match 98.9%; Score 264; DB 4; Length 604;
Best Local Similarity 97.8%; Pred. No. 7.1e-27;
Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPGRVACFACGKLSNWEKDNAMSEHLRHPKCP 46
11:|||||
DB 189 LARAGFYIIGPGRVACFACGKLSNWEKDNAMSEHLRHPKCP 234

RESULT 10
US-08-569-749-7
Sequence 7, Application US/08569749
Patent No. 6187557
GENERAL INFORMATION:
APPLICANT: Rothe, Mike
APPLICANT: Goeddel, David V
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: ELEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569.749
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24.774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-749-7

Query Match 92.9%; Score 248; DB 4; Length 46;
Best Local Similarity 91.3%; Pred. No. 5.3e-26;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 LAKAGFYIIGPDRVACFACGKLSNWEKDKAMSEHLRHPKCP 46
DB 1 LAKAGFYIIGPDRVACFACGKLSNWEKDKAMSEHLRHPKCP 46

RESULT 11
PCT-US96-12860-7
Sequence 7, Application PC/TUS9612860
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ. ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-7

Query Match 92.9%; Score 248; DB 5; Length 46;
Best Local Similarity 91.3%; Pred. No. 5.3e-26;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 LAKAGFYIIGPDRVACFACGKLSNWEKDKAMSEHLRHPKCP 46
DB 1 LAKAGFYIIGPDRVACFACGKLSNWEKDKAMSEHLRHPKCP 46

RESULT 12
US-08-511-485-23
Sequence 23, Application US/08511485

Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Baird, Stephen
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ. ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 67 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-23

Query Match 92.9%; Score 248; DB 2; Length 67;
Best Local Similarity 91.3%; Pred. No. 8.1e-26;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 LAKAGFYIIGPDRVACFACGKLSNWEKDKAMSEHLRHPKCP 46
DB 21 LAKAGFYIIGPDRVACFACGKLSNWEKDKAMSEHLRHPKCP 66

RESULT 13
PCT-US95-05922A-2
Sequence 2, Application PC/TUS9505922A
GENERAL INFORMATION:
APPLICANT: HE, ET AL.
TITLE OF INVENTION: Human Inhibitor of Apoptosis Gene 1
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05922A

Tue Jan 8 08:23:49 2002

us-08-569-749-8.ra1

Page 6

FILED DATE: 11 MAY 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: FERRARO, GREGORY D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-292
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 438 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
PCT-US95-05922A-2

Query Match 92.9%; Score 248; DB 5; Length 438;
Best Local Similarity 91.3%; Pred. No. 6.4e-25;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNMEPKDAMSEHLRHPKCP 46
DB 24 LARAGFYIIGPDVACFACGKLSNMEPKDAMSEHLRHPKCP 69

RESULT 14
US-08-511-485-8
Sequence 8, Application US/08511485
Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Kornejuk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Baird, Stephen
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
TITLE OF INVENTION: PROBES, AND DETECTION METHODS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/543-5070
TELEFAX: 617/542-8906
TELEX: 200134
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein

US-08-511-485-8

Query Match 92.9%; Score 248; DB 2; Length 618;
Best Local Similarity 91.3%; Pred. No. 9.3e-25;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNMEPKDAMSEHLRHPKCP 46
DB 204 LARAGFYIIGPDVACFACGKLSNMEPKDAMSEHLRHPKCP 249

RESULT 15

US-09-212-971-8
Sequence 8, Application US/09212971B
Patent No. 6107041

GENERAL INFORMATION:

APPLICANT: Kornejuk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Baird, Stephen

APPLICANT: Tsang, Benjamin K

TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND
TITLE OF INVENTION: NATP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE

TITLE OF INVENTION: DISEASE

FILE REFERENCE: 07891/009002

CURRENT APPLICATION NUMBER: US/09/212,971B

CURRENT FILING DATE: 1998-12-16

EARLIER APPLICATION NUMBER: 60/017,354

EARLIER FILING DATE: 1996-04-26

EARLIER APPLICATION NUMBER: 60/030,590

EARLIER FILING DATE: 1996-11-14

EARLIER APPLICATION NUMBER: 08/800,929

EARLIER FILING DATE: 1997-02-13

NUMBER OF SEQ ID NOS: 17

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 8

LENGTH: 618

TYPE: PRT

ORGANISM: Homo sapiens

US-09-212-971-8

Query Match 92.9%; Score 248; DB 3; Length 618;
Best Local Similarity 91.3%; Pred. No. 9.3e-25;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNMEPKDAMSEHLRHPKCP 46
DB 204 LARAGFYIIGPDVACFACGKLSNMEPKDAMSEHLRHPKCP 249

Search completed: January 7, 2002, 15:41:57
Job time: 276 sec

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